

REMARKS

The Office Action mailed September 5, 2001, has been received and its contents carefully noted. In order to advance the prosecution, claims 7, 11 and 25 have been amended to more particularly point out and distinctly claim the invention. Claims 1-6, 8, 21-24 and 26 have been cancelled. Claims 7, 9-20, 25 and 27-33 are now pending in the application.

Priority - 35 USC § 119

The Examiner's acknowledgment of the claim for priority is noted. The Examiner's indication that "none of the certified copies of the priority documents have been received" is puzzling.

Submitted herewith is a copy of the date stamped postcard which is *prima facie* evidence of receipt in the U.S. Patent and Trademark Office (USPTO). Also, attached are copies of the front pages of each priority document. It is requested that the Examiner indicate receipt of the priority documents.

Claim Rejections - 35 USC § 103

The Examiner rejected claims 1-33 under 35 U.S.C. § 103 (a) as being unpatentable over U.S. Patent No. 6,084,560 to Miyamoto. It is submitted that the present claimed invention is patentable over the art of record for the following reasons. Accordingly,

reconsideration of the Examiner's rejection is requested.

One of the patentable features of the present claimed invention according to the amended claims 7, 11 and 25 lies in weighting applied to each dither coefficient, the lower the gradation level of an input video signal, and the larger the weighting being applied to the dither coefficient. These features are not taught or suggest by Miyamoto.

Another patentable feature of the present invention according to claims 13 and 29 lies in adjustments to dither coefficients carried by the output pattern signal to have the sum total zero for the dither coefficients. It is respectfully submitted that Miyamoto does not disclose or teach these features, and hence claims 13 and 29 are patentable over Miyamoto.

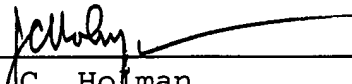
Conclusion

In view of the foregoing, it is believed all the issues raised by the Examiner have been considered and appropriately addressed. It is believed this application is now in condition for allowance and action to that end is respectfully solicited.

If the Examiner believes that a conference would be of value in expediting the prosecution of this application, the Examiner is invited to telephone the undersigned to arrange for such a conference.

Attached hereto is a marked-up version of the changes made to the claims by the current amendment. The attached page is captioned "Version with markings to show changes made."

Respectfully submitted,
JACOBSON HOLMAN PLLC

By 
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Date: November 22, 2002
Atty. Docket No.: P63935US0
JCH:DKD:brc

Version with markings to show changes made.

In the Claims:

Please cancel claims 1-6, 8, 21-24 and 26 without prejudice or disclaimer, and please amend claims 7, 11 and 25 as follows:

7. (Amended) An apparatus for processing a video signal comprising:

a pattern generator to generate a plurality of dither pattern signals, each pattern signal carrying positional data indicating locations of dither coefficients on pixels arranged in a matrix on a display panel;

a coefficient generator to generate a dither coefficient signal carrying the dither coefficients arranged in a matrix for each gradation level of an input video signal in response to one of the pattern signal, weighting being applied to each dither coefficient, the lower the gradation level, and the larger the weighting; and

an adder to add the coefficient signal to the input video signal, thus outputting a video signal to be supplied to the display panel.

11. (Amended) An apparatus for processing a video signal comprising:

a generator to generate a plurality of dither coefficient signals, each coefficient signal carrying dither coefficients arranged in a matrix, weighting being applied to each dither coefficient, the lower the gradation level, and the larger the weighting;

a detector to detect color gradation levels of an input video signal; and

an adder to add one of the coefficient signals to signal components at predetermined gradation levels of the input video signal, thus outputting a video signal.

25. (Amended) A method of processing a video signal comprising the steps of:

generating a plurality of dither pattern signals, each pattern signal carrying positional data indicating locations of dither coefficients on pixels arranged in a matrix on a display panel;

generating a dither coefficient signal carrying the dither coefficients arranged in a matrix for each gradation level of an input video signal in response to one of the pattern signal; and

applying weighting to each dither coefficient, and the lower the gradation level, the larger the weighting;

adding the dither coefficient signal to the input video signal, thus outputting a video signal to be supplied to the display panel.



Att'y Docket: P63935US0
Serial No.: New Application
Applicant: Shigehiro MASUJI et al
Filing Date: October 12, 1999

Today's Date: October 12, 1999

The following has been received in the U.S. Patent & Trademark Office on the date stamped hereon:

- ☒ 49 pp. Specification, including 33 Claims and Abstract
- ☒ 24 Sheets of Drawings
- ☒ Combined Declaration, Power of Attorney
- ☒ Certified Copies of the four (4) Priority Documents

☒ Check for \$ 1306.00 Check No. 4489

DUE DATE: October 12, 1999

JACOBSON, PRICE, HOLMAN & STERN, PLLC
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PATENT OFFICE
JAPANESE GOVERNMENT



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る事項と同一であることを証明する。

This is to certify that the annexed is a true copy of the following application as filed
in this Office.

出 願 年 月 日

Date of Application:

1998年10月12日

願 番 号

Application Number:

平成10年特許願第289143号

願 人

Applicant(s):

日本ビクター株式会社

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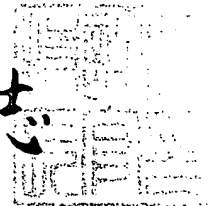
NOV 25 2002

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1999年 8月12日

特許庁長官
Commissioner,
Patent Office

伴佐山 建志



出証番号 出証特平11-3056818



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This is to certify that the annexed is a true copy of the following application as filed
in this Office.

出 願 年 月 日
Date of Application:

1998年11月 6日

出 願 番 号
Application Number:

平成10年特許願第315743号

出 願 人
Applicant(s):

日本ビクター株式会社

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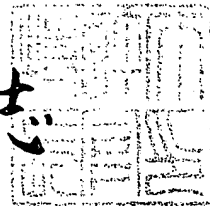
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1999年 8月12日

特許庁長官
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Patent Office

伴佐山 建志



出証番号 出証特平11-3056819



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This is to certify that the annexed is a true copy of the following application as filed
in this Office.

出 願 年 月 日
Date of Application:

1998年11月11日

願 番 号
Application Number:

平成10年特許願第320283号

願 人
Applicant(s):

日本ビクター株式会社

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NOV 25 2002

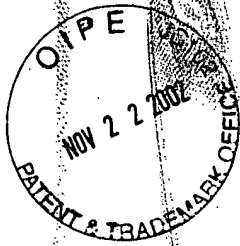
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1999年 8月12日

特許庁長官
Commissioner,
Patent Office

伴佐山 建志

出証番号 出証特平11-305682.1



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This is to certify that the annexed is a true copy of the following application as filed
with this Office.

出 願 年 月 日

Date of Application:

1998年11月26日

願 番 号

Application Number:

平成10年特許願第335478号

願 人

Applicant(s):

日本ビクター株式会社

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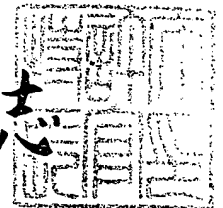
NOV 25 2002

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1999年 8月12日

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出証番号 出証特平11-3056822